

## **PCT**

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Notification of Transi	mittal of International Search Re	port
PA/LGE/03051	ACTION		well as, where applicable, item 5	
International application No.	International filing da		(Earliest) Priority Date (day	v/month/year)
PCT/KR 03/00245	4 February 20	03 (04.02.2003)		
LG ELECTRONICS INC.				
This international search report has been according to Article 18. A copy is bein			thority and is transmitted to	he applicant
This international search report consist	ts of a total of 3	sheets.		
It is also accompani	ied by a copy of each	prior art document cited	in this report.	
Basis of the report     a. With regard to the language, language in which it was file.			e basis of the international ap	plication in the
the international search Authority (Rule 23.1(b)		ne basis of a translation of	the international application	furnished to this
b. With regard to any nucleotic search was carried out on the			he international application, t	he international
contained in the internal	tional application in	written form.		•
filed together with the in	nternational applicat	ion in computer readable	form.	
furnished subsequently	to this Authority in v	written form.		
furnished subsequently	to this Authority in o	computer readable form.	•	
the statement that the su international application as fi			does not go beyond the discl	osure in the
the statement that the in been furnished.	nformation recorded	in computer readable form	n is identical to the written se	quence listing has
2. Certain claims were fo	ound unsearchable (	(See Box I).		
3. Unity of invention is la	acking (See Box II).	•		
4. With regard to the title,		•		
the text is approved as s	submitted by the app	licant.		
the text has been estable	ished by this Author	ty to read as follows:		•
5. With regard to the abstract,				
the text is approved as	submitted by the app	licant.		-
			ority as it appears in Box III.  n report, submit comments to	
6. The figure of the drawings to be	published with the a	bstract is Figure No.:	4	
as suggested by the app	•		None of the f	igures.
because the applicant fa	ailed to suggest a fig	ure.		
because this figure bett	,			

#### INTERNATIONAL SEARCH REPORT

International application No. PCT/KR 03/00245

#### CLASSIFICATION OF SUBJECT MATTER

IPC7: F42F 3/147

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

### IPC7: F24F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EpoDoc, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVAN	C.	C. DOCUMENTS CONSIDERED TO	BE RELEVAN
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Form PCT/ISA/210 (second sheet) (July 1998)

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 60 65199 A (KOJIN) 13 April 1985 (13.04.85) the whole document.	1-14
Y	US 6352578 B1 (SAKATA) 5 March 2002 (05.03.02) the whole document.	9-15
X	JP 56 003900 A (DAIKIN IND LTD) 16 January 1981 (16.01.81) Patent Abstract of Japan; Vol. 5 Nr. 47; (M061); 28-03-1981	16-22
Y		1-15
X	JP 57 082694 A; (NIPPON SOKEN INC); 24 May 1982 (24.05.82) Patent Abstract of Japan; Vol. 6 Nr. 172; (M154); 28-03-1981	16-22
Y		1-15
•	<del></del>	

	Further documents are listed in the continuation of Box C.	See patent family annex.
	"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
1	Date of the actual completion of the international search	Date of mailing of the international search report
	13 November 2003 (13.11.2003)	1 December 2003 (01.12.2003)
	Name and mailing adress of the ISA/AT	Authorized officer
	Austrian Patent Office	LOSENICKY G.
	Dresdner Straße 87, A-1200 Vienna	4. 94
-	Facsimile No. 1/53424/535	Telephone No. 1/53424/372

# INTERNATIONAL SEARCH REPORT Information on patent family members

International application No. PCT/KR 03/00245

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
JP	A	56003900 A2		none		none	
JР	A	57082694 A2			-	none	
JP	A	6065199A 2				none	
US	В	6352578	2002-03-05	TW	В	422725	2001-02-21
				CN	T	1270539T	2000-10-18
			·	JР	Α	11333226	1999-12-07
				WO	Α	9961134	1999-12-02